

Form PTO-1449

U.S. Department of Commerce
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Atty. Docket No.	Serial No.
0575/56614/JPW/AJM/CY	09/604,876
Applicant	
Mercy M. Davidson	

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)Filing Date Group
June 28, 2000 1635

U.S. PATENT DOCUMENTS

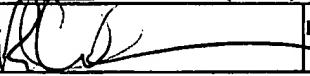
Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RS	Bader, D., et al., "Immunochemical analysis of myosin heavy chain during avian myogenesis <i>in vivo</i> and <i>in vitro</i> ." <u>J. Cell. Biol.</u> , 95:763-770 (1982) (Exhibit 1);
	Bloch, K.D., et al., "Neonatal atria and ventricles secrete atrial natriuretic factors via tissue-specific secretory pathways." <u>Cell</u> , 47:695-702 (1986) (Exhibit 2);
	Brunskill, E.W., et al., "Novel cell lines promote the discovery of genes involved in early heart development." <u>Dev. Biol.</u> , 235:507-520 (2001) (Exhibit 3);
	Campion, D.R., "The muscle satellite cell: a review." <u>Int. Rev. Cytol.</u> , 87:225-51 (1984) (Exhibit 4);
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	Chiu, R.C., et al., "Cellular cardiomyoplasty: myocardial regeneration with satellite cell implantation." <u>Ann. Thorac. Surg.</u> , 60:12-18 (1995) (Exhibit 6);
	Claycomb, W.C., "Atrial-natriuretic-factor mRNA is developmentally regulated in heart ventricles and actively expressed in cultured ventricular cardiac muscle cells of rat and human." <u>Biochem. J.</u> , 255:617-620 (1988) (Exhibit 7);
	Claycomb, W.C., et al., "Culture of the terminally differentiated adult cardiac muscle cell: a light and scanning electron microscope study." <u>Dev. Biol.</u> , 80:466-482 (1980) (Exhibit 8);
RS	Constantin, B., et al., "Involvement of gap junctional communication in myogenesis." <u>Int. Rev. Cytol.</u> , 196:1-65 (2000) (Exhibit 9);

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Mercy M. Davidson
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Filed: June 28, 2000
Exhibit A

Form PTO-1449

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<i>RC</i>	de Bold, A.J., "Atrial natriuretic factor: a hormone produced by the heart." <u>Science</u> , 230:767-770 (1985) (Exhibit 10);
	Delorme, B., et al., "Expression pattern of connexin gene products at the early developmental stages of the mouse cardiovascular system." <u>Circ. Res.</u> , 81:423-437 (1997) (Exhibit 11);
	Doevendans, P.A., et al., "Differentiation of cardiomyocytes in floating embryoid bodies is comparable to fetal cardiomyocytes." <u>J. Mol. Cell. Cardiol.</u> , 32:839-851 (2000) (Exhibit 12);
	Eppenberger-Eberhardt, M., et al., "New occurrence of atrial natriuretic factor and storage in secretorily active granules in adult rat ventricular cardiomyocytes in long-term culture." <u>J. Mol. Cell. Cardiol.</u> , 25:753-757 (1993) (Exhibit 13);
	Eppenberger-Eberhardt, M., et al., "Reexpression of α -smooth muscle actin isoform in cultured adult rat cardiomyocytes." <u>Dev. Biol.</u> , 139:269-278 (1990) (Exhibit 14);
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	Graef, I.A., et al., "NFAT signaling in vertebrate development." <u>Curr. Opin. Genet. Dev.</u> , 11:505-512 (2001) (Exhibit 19);
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	Horsley, V., et al., "NFAT: ubiquitous regulator of cell differentiation and adaptation." <u>J. Cell. Biol.</u> , 156(5):771-4 (2002) (Exhibit 21);
	Jaenicke, T., et al., "The complete sequence of the human β -myosin heavy chain gene and a comparative analysis of its product." <u>Genomics</u> , 8:194-206 (1990) (Exhibit 22);
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	Janssen, P.M., et al., "Preservation of contractile characteristics of human myocardium in multi-day cell culture." <u>J. Mol. Cell. Cardiol.</u> , 31:1419-1427 (1999) (Exhibit 24);
<i>RC</i>	Katz, E.B., et al., "Cardiomyocyte proliferation in mice expressing α -cardiac myosin heavy chain-SV40 T-antigen transgenes." <u>Am. J. Physiol.</u> , 262:H1867-H1876 (1992) (Exhibit 25);

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 - Polinger, I.S., "Separation of cell types in embryonic heart cell cultures." *Exp. Cell. Res.*, 63:78-82 (1970) (Exhibit 36);
 - Protas, L., et al., "L-type but not T-type calcium current changes during postnatal development in rabbit sinoatrial node." *Am. J. Physiol. Heart Circ. Physiol.*, 281:H1252-H1259 (2001) (Exhibit 37);
 - Quaini, F., et al., "Chimerism of the transplanted heart." *N. Engl. J. Med.*, 346:5-15 (2002) (Exhibit 38);
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 - Schultheiss, T., et al., "Desmin/vimentin intermediate filaments are dispensable for many aspects of myogenesis." *J. Cell. Biol.*, 114:953-966 (1991) (Exhibit 40);
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
RS	Spurr, A.R., "A low-viscosity epoxy resin embedding medium for electron microscopy." <u>J Ultrastruct. Res.</u> , 26:31-43 (1969) (Exhibit 42);				
RS	Steinhelper, M.E., et al., "Proliferation in vivo and in culture of differentiated adult atrial cardiomyocytes from transgenic mice." <u>Am. J. Physiol.</u> , 259 (Heart Circ. Physiol. 28):H1826-H1834 (1990) (Exhibit 43);				
RS	Van Kempen, M.J.A., et al., "Developmental changes of connexin40 and connexin43 mRNA distribution patterns in the rat heart." <u>Cardiovasc. Res.</u> , 32:886-900 (1996) (Exhibit 44); and				
RS	Wang, D., et al., "Activation of cardiac gene expression by myocardin, a transcriptional cofactor for serum response factor." <u>Cell</u> , 105(7):851-62 (2001) (Exhibit 45).				
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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Application Number	09/604,876
		INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Filing Date	June 28, 2000
				First Named Inventor	Mercy M. Davidson
				Art Unit	1635
				Examiner Name	R. Schnizer
				Attorney Docket No.	0575/56614/JPW/ AJM/CY

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RS		BOTTENSTEIN, J., ET AL., "The Growth Of Cells In Serum-Free Hormone-Supplemented Media," <u>Methods Enzymol.</u> , 58:94-109 (1979) (EXHIBIT 1);	
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		COZZARELLI, N.R., "The Mechanism Of Action Of Inhibitors Of DNA Synthesis," <u>Annu. Rev. Biochem.</u> , 46:641-668 (1977) (EXHIBIT 3);	
		HANNON, G.J., "RNA Interference," <u>Nature</u> , 418:244-51 (2002) (EXHIBIT 4);	
		JUTTERMANN, R., ET AL., "Toxicity Of 5-aza-2'-deoxycytidine To Mammalian Cells In Mediated Primarily By Covalent Trapping Of DNA Methyltransferase Rather Than DNA Demethylation," <u>Proc. Natl. Acad. Sci. USA</u> , 91:11797-801 (1994) (EXHIBIT 5);	
		KING, S.P., ET AL., "Human Cells Lacking mtDNA Replicate With Exogenous Mitochondria By Complementation," <u>Science</u> , 246:500-503 (1989) (EXHIBIT 6);	
		LIBBY, P., ET AL., "Long-Term Culture Of Contractile Mammalian Heart Cells In A Defined Serum-Free Medium That Limits Non-Muscle Cell Proliferation," <u>J. Mol. Cell Cardiol.</u> , 16:803-811 (1984) (EXHIBIT 7);	
		MOHAMED, S.N., ET AL., "A Serum-Free, Chemically-Defined Medium For Function And Growth Of Primary Neonatal Rat Heart Cell Cultures," <u>In Vitro</u> , 19:471-478 (1983) (EXHIBIT 8);	
		MORKIN, E., "Control Of Cardiac Myosin Heavy Chain Gene Expression," <u>Microsc. Res. Tech.</u> , 50:522-531 (2000) (EXHIBIT 9);	
		NAG, A.C., "Embryonic Chick Heart Muscle Cells," <u>Cell Culture Techniques In Heart And Vessel Research</u> (ed. Piper, H.M.), New York: Springer-Verlag, pages 4-19 (1990) (EXHIBIT 10);	
		NAG, A.C., ET AL., "Factors Controlling Embryonic Heart Cell Proliferation In Serum-Free Synthetic Media," <u>In Vitro Cell Dev. Biol.</u> , 21:553-62 (1985) (EXHIBIT 11);	
		SINGER, K., ET AL., "Removal Of Fibroblasts From Human Epithelial Cell Cultures With Use Of A Complement Fixing Monoclonal Antibody Reactive With Human Fibroblasts And Monocytes/Macrophages," <u>J. Invest. Dermatol.</u> , 92:166-170 (1989) (EXHIBIT 12); and	
PS		WEISS, A., ET AL., "The Mammalian Myosin Heavy Chain Gene Family," <u>Annu. Rev. Cell Dev. Biol.</u> , 12:417-39 (1996) (EXHIBIT 13).	

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<i>[Signature]</i>	1/21/05

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Exhibit A